



# भारत का राजपत्र

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No. 34]

NEW DELHI, SATURDAY, AUGUST 21, 1965 (SRAVANA 30, 1887)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

Separate paging is given to this Part in order that it may be filed as a separate compilation

### भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से संबंधित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 21st August, 1965

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

31st July 1965

100870. Laboratories Ferrer. Process of producing new tetracycline compounds.
100871. S. L. M. Bafna. Improvement in or relating to the embossing/engraving the/alphabates and figures on slate of metal sheet/non-metal sheet/stone/cement/fibre.
100872. Makhansingh. A device to prevent rust formation in barrels of firearms.
100873. Sandoz Ltd. Dihydrolysergic acid derivatives. (8th May 1961). [Divisional date 7th May 1962].
100874. Compagnie Generale De Geophysique and Institut Francais Du Petrole Des Carburants Et Lubrifiants. System for securing a seismic vibrator to a vehicle.
100875. Rotta Research Laboratorium S.p.A. Chemical process and products.
100876. Imperial Chemical Industries Limited. Polymer dispersions and dispersants. (4th August 1964).
100877. Imperial Chemical Industries Limited. Polymer dispersions and dispersants. (4th August 1964).
100878. Imperial Chemical Industries Limited. Improvements in or relating to apparatus for the treatment of particulate material.
100879. Indian Oxygen Limited. Improvements in electric arc welding. (6th August 1964).
100880. Indian Oxygen Limited. Improvements in electric arc welding. (6th August 1964).
100881. V. Brat. Mechanical pant hooks.
100882. R. Harsingh. Improvements in and relating to purses and the like.

100883. M. V. Kanani. Improvement in or relating to respirators.

100884. N. N. A. K. Maliki. Improvements in or relating to the shaving brush.

2nd August 1965

100885. Chemical Construction Corporation. Reformer furnace.
100886. Kurashiki Rayon Co. Ltd. Treatment of vinyl ester.
100887. Kurashiki Rayon Co., Ltd. Cigarette filters using filter elements added with sugar esters.
100888. Kurashiki Rayon Co., Ltd. Process for treating endless tow of fibre with band liquid.
100889. American Cyanamid Company. Novel method for controlling insects.
100890. General Electric Company. Product and process.
100891. The Eimco Corporation. Swinging flocculation.
100892. Siemens & Halske Aktiengesellschaft. Gravity hump or incline installations for vehicles shunting operations.
100893. Bristol-Myers Company. Novel amine salts.
100894. Fiber Industries Inc. Filament production for synthetic linear polymers.
100895. K. S. Mathur and Mrs. Madhu Mathur. Double hinged dropout expulsion fuse cutout.
100896. K. S. Mathur and Mrs. Madhu Mathur. Open link rural horn gap fuse cutout.
100897. Rhonc-Poulenc S. A. Process for the preparation of oxadiazolone compounds and fungicidal compositions containing them.
100898. Imperial Chemical Industries Limited. Apparatus for conducting processes.
100899. Canadian Industries Limited. Foamable compositions. (18th August 1964).
100900. Dunlop Rubber Company Limited. Improvements in or relating to injection moulding apparatus. (8th August 1964).
100901. The Wellcome Foundation Limited. Method for preparing chemical compounds. (5th August 1964).
100902. The English Electric Company Limited. Electrical relays (5th August 1964).

100903. The English Electric Company Limited, Control systems. (5th August 1964).
100904. The English Electric Company Limited, Improvements in or relating to switchgear. (25th August 1964).
100905. The English Electric Company Limited, Improvements in or relating to electric switchgear. (25th August 1964).
100906. Sandoz Ltd. New indole derivatives. (21st August 1961). [Divisional date 20th August 1962].
100907. Birfield Engineering Limited, Improvements in or relating to universal joints. (4th August 1964).
100908. International Nickel Limited, Die casting alloys and processes.
100909. Knapsack Aktiengesellschaft, Process and apparatus for cracking hydrocarbons with an electric arc.
100910. Japan Gas-Chemical Company, Inc. Process for producing vinyl chloride.
100911. C. F. Boehringer & Soehne GmbH. New sulphonamides. (19th May 1965).
100912. Steel Fabrics. Furniture.
100913. Steel Fabrics. Folding bed.  
3rd August 1965
100914. Westinghouse Electric Corporation. Arc welding torch.
100915. Westinghouse Electric Corporation. Arc welding electrode.
100916. Alfa-Laval AB. Arrangement in valves comprising a sleeve-shaped member which can be actuated by a valve plug.
100917. Hindustan Lever Limited, Dyeing process.
100918. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning, Water-soluble azo dyestuffs and their metal complex compounds and process for preparing them.
100919. Deere & Company, Planter attachment for planting shelled peanuts.
100920. Ortho Pharmaceutical Corporation, Process for making tertiary ether glycols.
100921. Process Control Gear Limited, Improvements in thermostatically operated electric switches. (5th August 1964).
100922. Dunlop Rubber Company Limited, Polymerisation process.
100923. Dunlop Rubber Company Limited, Bonding textiles to rubbers. (20th August 1964).
100924. Dunlop Rubber Company Limited, Improvements in or relating to tyre removal and fitting machines. (20th August 1964).
100925. United States Steel Corporation, Manufacture of galvanized ferrous metal.
100926. American Home Products Corporation, Pteridines. (12th January 1965).
100927. Sperry Rand Corporation, Fluid sensor.
100928. Alfred Teves Maschinen Und Armaturenfabrik K. G. Spottype disc brake.
100929. Sandoz Ltd, Improvements in or relating to organic compounds. (4th August 1964).
100930. Sandoz Ltd, Improvements in or relating to organic compounds. (4th August 1964).
100931. Sandoz Ltd, Improvements in or relating to organic compounds. (4th August 1964).
100932. Sandoz Ltd, Improvements in or relating to organic compounds. (4th August 1964).
100933. Knapsack Aktiengesellschaft, Process and apparatus for cracking hydrocarbons with an electric arc.
100934. Veb Vereinigte Phosphatdungerwerke, Improvements in and relating to vacuum driers.
100935. Intermountain Research and Engineering Company, Explosive composition.
100936. Boots Pure Drug Company Limited, Chemical compositions. [Addition to No. 87782].
100937. Ciba Limited, Pesticides.
100938. Ciba Limited, Manufacture of optical active piperidines.
100939. Ciba Limited, Process for the manufacture of 17 $\alpha$ -21-dihydroxy-20-keto-steroids.
100940. Brown, Boveri & Company Limited, Device in metal-clad high-voltage plants.
100941. Sandoz Ltd, Nonapeptides. (12th May 1961). [Divisional date 11th May 1962].
100942. Sandoz Ltd, New heterocyclic compounds. [Divisional date 25th June 1962].
100943. Sandoz Ltd, New phosphoric acid compounds. (26th June 1961). [Divisional date 25th June 1962].
100944. Charbonnages De France, Thermally stable copolymers of formaldehyde and acetaldehyde and a method for their preparation.
100945. J. L. A. See, Chain grids for runways and mutual locking elements for forming the same.
100946. H. Schenck and W. Wenzel, Process and plant for the reduction of iron ores using atomic heat.
100947. Merck & Co. Inc, Novel N-substituted 4, 6-pregnadieno-[3, 2-c] pyrazole compounds. [Divisional date 23rd April 1962].  
4th August 1965
100948. The Sarangpur Cotton Manufacturing Company Limited, Improvement in or relating to wash and wear treatment for textiles.
100949. The Sarangpur Cotton Manufacturing Company Limited, A method for preparation of alkali soluble cellulose by nitration with spent acid.
100950. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler, Process for preparation of new unsaturated amino compounds.
100951. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler, Process for preparation of new substituted amino pyridines.
100952. Vyzkumny ustav vinarsky, Non-woven decorative textile fabrics.
100953. The Wellcome Foundation Limited, Method for preparing chemical compounds. (5th August 1964).
100954. UCB (Union Chimique-Chemische Bedrijven) S. A. New N-substituted lactams. (6th August 1964).
100955. Nitroglycerin Aktiebolaget, A method for the manufacture of the fuse head element of electric fuses.
100956. Walker Sons & Co. Ltd, Method of dual use of synchronous machines as generator motor in tea factories and the like. (11th August 1964).
100957. Thermal Engineering & Design Company, Thermostats, motor protectors or the like having generally octagonal shaped sealing end.
100958. Chicago Pneumatic Tool Company, Pneumatic grinder with integral exhaust silencer.
100959. Jervis B. Webb Company, Selective switching for floor truck tow lines.
100960. Indian Oxygen Limited, Safety pressure disconnect device. (6th August 1964).
100961. Merck & Co., Inc, Process for preparing 5-chloro-3-aminopyrazinoates.
100962. Merck & Co., Inc, Pyrazinoate compounds.
100963. Sandoz Ltd, Improvements in or relating to organic compounds. (5th August 1964).
100964. Sandoz Ltd, Thiaxanthene derivatives. (27th March 1961). [Divisional date 26th March 1962].
100965. Ciba Limited, Manufacture of heterocyclic enols.
100966. Ciba Limited, Manufacture of araliphatic diketones.

100967. Ram Krishna Mukherjee. Improvements in or relating to pumps or like piston operated appliances.
100968. Sandoz Ltd. Novel lysergic acid and dihydrolysergic acid derivatives. (13th July 1961). [Divisional date 12th July 1962].
100969. Sandoz Ltd. New diazaspino compounds. (2nd October 1961). [Divisional date 1st October 1962].
100970. Inventa A. G. Fur Forschung Und Patentverwertung. Parahydroxy benzoic acid and process for manufacturing the same.

5th August 1965

100971. Ciba of India Limited. Thioureas and process for their manufacture.
100972. Veb Starkstrom-Anlagenbau Erfurt. A method of making a plastic casing. (5th August 1964).

6th August 1965

100973. Dr. G. V. Ramanen. Improvements related to 35 mm. sound movies.
100974. Dr. G. V. Ramanen. Improvements related to electricity system.
100975. A. V. Borkar. Radio receiver monitor switch.
100976. Imperial Chemical Industries Limited. Water-insoluble azo dyestuffs. (26th August 1964).
100977. Frick Company. Tunnel freezer.
100978. T. J. Smith & Nephew Limited. Adhesive composition. (15th August 1964).
100979. Glaverbel. Process and means for obtaining a transparent layer of metallic oxide on a glass surface.
100980. Snam S.p.A. Process for the separation of ammonia produced in medium and low pressure synthesizing plants.
100981. The English Electric Company Limited. Improvements in or relating to insulating materials and to processes for production thereof. (17th August 1964).
100982. Pfizer Corporation. Chemical process. (13th August 1964).
100983. Rohm & Haas Company. Pesticidal compositions containing new phosphorimidic triamide salts. [Divisional date 10th March 1964].
100984. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the production of moulded bodies from thermoplastic synthetic materials reinforced with glass fibres.
100985. Ministerul Industriei Petrolului Si Chimiei. Apparatus for the graphitization of carbon.
100986. Ciba Limited. Pharmaceutical preparations for lowering the blood pressure.
100987. Ciba Limited. Pharmaceutical preparations for lowering the blood pressure.
100988. James Mackie & Sons Limited. Improvements in and relating to the preparing of fibrous materials. (7th August 1964).
100989. Jennings Radio Manufacturing Corporation. Rotary stepping relay and actuator therefor.
100990. Dollinger Corporation. Filter.
100991. M. Patay, L. Patay and P. Patay. Improvements in centrifugal pumps. (31st August 1964).
100992. Varta Aktiengesellschaft. Improvements in or relating to hermetically-sealed edging for porous plates.
100993. Sandoz Ltd. New lysergic acid derivatives. (17th August 1962). [Divisional date 16th August 1962].
100994. Leeson Corporation. Winding machine.
100995. D. K. Dhand. A trap or a counting machine or a differential counting machine for vehicles passing.
100996. D. K. Dhand. A machine for the counting or differential counting of vehicles passing.

100997. N. J. Waterbury. Multi-color safety match and writing pencil.

100998. N. J. Waterbury. Combined friction lighting match and writing pencil.

#### Alteration of Date

90766. The claim to priority date 18th November, 1962 has been disallowed and the application dated as of 11th November, 1963, the date of filing in India.
91028. The claim to priority date 30th November, 1962 has been abandoned and the application dated as of 27th November, 1963, the date of filing in India.
99650. Ante-dated to 5th November 1963, under Section 5 of the Act.
97766. Ante-dated to 28th January 1964 under Section 5 of the Act.
97767. Ante-dated to 28th January 1964 under Section 5 of the Act.
97768. Ante-dated to 28th January 1964 under Section 5 of the Act.
99859. Ante-dated to 30th October 1963 under Section 5 of the Act.
100014. Ante-dated to 4th November 1963 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

90040. S. B. Mehta, D. V. Parikh and C. Nanjundayya. A new process for imparting crease-resistant finish to fabrics made of cotton or of viscose or of their blends or of their blends with any other fibre. Accepted on 27th June 1965.

*Wet fabric containing urea and an acid liberating catalyst exposed to formaldehyde vapour produced by direct heating of an aqueous formaldehyde with saturated steam and is then dried and cured.*

90520. F. L. Lebus, Sr., F. L. Lebus, Jr. and G. F. Lebus Rotary Tool Trust. Fleet angle compensator for a cable spooling apparatus. (9th November 1962). Accepted on 29th July 1965.

*Comprising a movable sheave journaled on a shaft for receiving a cable, the shaft being mounted for oscillation thereof about an offset axis and the sheave slidably secured to the shaft and movable therealong.*

90522. Dunlop Rubber Company Limited. Reinforced mechanical belting. (31st October 1962). Accepted on 29th July 1965.

*Comprising an inextensible cord reinforcement embedded in a flexible composition, said reinforcement comprising at least two reinforcement layers of parallel cords, the cords in each layer being biased with respect to the longitudinal axis of the bath at an angle of up to 40°.*

90533. National Steel Corporation. Continuous electroplating process and apparatus. Accepted on 29th July 1965.

*The process includes the steps of supplying planting current to the plating cell, quantitatively measuring the plating current delivered to the cell and responsive to the quantitative measurement of electricity delivered to the cell indicating when an anode element should be added to the cell.*

90540. Imperial Chemical Industries Limited. Manufacture of polysulphones. (6th November 1962). Accepted on 30th July 1965.

*Melting together a compound containing two aromatically bound sulphonyl halide groups and a compound containing at least two aromatically bound hydrogen atoms, in presence of a salt of iron.*

90572. Ministerul Industriei Petrolului Si Chimiei. Bearing sealing and lubricating device for bore-hole drilling bits. Accepted on 31st July 1965.

*The lubricant from inside the cutter is introduced under initial pressure  $P_0$  while assembling the bit and maintained by spring action on a piston provided within the lubricant chamber having a passage through the bit body having an opening above drilling fluid nozzle.*

90581. James Mackie & Sons Limited. Improvements relating to textile carding machines. (26th November 1962). Accepted on 2nd May 1965.

*Stave comprises a wooden lag with aluminium sheet and carries pins located in holes drilled in wooden body.*

90606. S. D. Gupte. A device for generating electricity on small scale. Accepted on 3rd August 1965.

*Device having a plurality of anemometer cups, vanes, impellers or the like fitted on the shaft of a rotor of an electric current generator, fitted to any part of a moving vehicle driven by an engine.*

90608. J. D. Hedges and Company Limited Partnership. Dry cell batteries. Accepted on 4th August 1965.

*Comprising a carbon cup having a hollow body, a closed end, an open end a carbon rod projecting from closed end electrically connected thereto.*

90619. Castrol Limited. Improvements in or relating to lubricating compositions. Accepted on 31st July 1965.

*Comprises a major amount of a mineral oil or a synthetic fluid and a minor proportion of an additive selected from the group of substituted aminomethyl derivatives of imidazoles and triazoles.*

90625. Farbenfabriken Bayer Aktiengesellschaft. Cold resistant thermoplastic moulding composition. (4th October 1963). Accepted on 29th July 1965.

*Containing (A) 5-97% graft polymer of (a) styrene and acrylonitrile and (b) homopolymer of aliphatic conjugated diolefine, (B) 0-92% thermoplastic copolymer of styrene and acrylonitrile and (C) 3-30% of mineral oil.*

90629. Jeco Company, Limited. Tuning fork clock. Accepted on 2nd August 1965.

*Comprising a tuning fork having permanent magnets at the fork ends, a rotary disc having its teeth located between the magnetic poles of the said permanent magnets a clock mechanism connected to said rotary disc and a starting mechanism for starting said clock mechanism.*

90642. Imperial Chemical Industries Limited. Process for the manufacture of bipyridyls. (12th

November 1962). Accepted on 4th August 1965.

*Comprising oxidising an interaction product formed by mixing a pyridine with a solution of an alkali or alkaline earth metal in a solvent containing liquid ammonia.*

90672. Fichtel & Sachs AG. A disengaging bearing for a clutch. Accepted on 31st July 1965.

*The outer and inner rings of the ball-bearing are connected with the radial journals and the thrust ring respectively to form one unit.*

90675. Council of Scientific and Industrial Research. Improvements in or relating to the manufacture of phosgene (carbonyl chloride). Accepted on 31st July 1965.

*Comprises reacting chlorine and carbon monoxide gases in a fluidised bed reaction containing pulverised activated carbon catalyst.*

90700. Knorr-Bremse Kommanditgesellschaft. Centering device for a pipe-line coupling arranged at center buffer coupling of rail vehicles. Accepted on 3rd August 1965.

*The guide members surrounding the packing ring are designed as two straps enclosing outer periphery of the coupling pipe with a small clearance.*

90712. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Preparation of polymers and copolymers of acrylonitrile in granular shape. Accepted on 31st July 1965.

*In dispersion polymerization medium keeping the monomer and the catalyst in the shape of droplets of fixed dimensions.*

90766. Soundwell Investments Limited. Improvements in or relating to methods of footwear assembly. Accepted on 4th August 1965.

*The components are assembled together with adhesive extending between mating surfaces of the components, the adhesive is activated by the application of a high frequency electric field.*

90775. Siebe Gorman & Company Limited. Improvements in or relating to liquid oxygen or liquid air breathing apparatus. (13th November 1962). Accepted on 5th August 1965.

*Comprising a cannister containing a compartment housing carbon dioxide absorbing material and another housing in spaced relationship therein for the liquid air or liquid oxygen.*

90870. Glaverbel. Process and installation for drawing a continuous ribbon of glass on a bath of molten material. Accepted on 4th August 1965.

*While ribbon of glass is in plastic state and is drawn longitudinally, it is widened by exerting on the marginal strips of the ribbon, forces directed towards the exterior of the ribbon.*

90893. Nippon Electric Company Limited. Inter-metallic compound semiconductor devices. Accepted on 6th August 1965.

*A body of semiconductor substrate crystal region and an intermetallic compound semiconductor crystal region, the interface between them having low electrical resistance, and at least one p-n junction is formed within the intermetallic compound semiconductor crystal region.*

90996. Farbenfabriken Bayer Aktiengesellschaft. New dyestuffs. (27th August 1963). Accepted on 5th August 1965.

*Naphtholactams like 4-bromo-naphtholactam (1, 8) is reacted with an indole derivative.*

91028. Imperial Chemical Industries Limited. Fabrics. Accepted on 31st July 1965.

*A woven fabric comprising a proportion of synthetic thermoplastic fibres having a glass-rubber transition temperature when wet above 80°C.*

92041. Fujikura Densen Kabushiki Kaisha. Improvements in or relating to coaxial electric cables and method for the fabrication thereof. Accepted on 2nd August 1965.  
*Plastic film tube disposed concentrically with and in intimate contact about the spacer insulating part is formed by the butt fusion of the longitudinal side edges of a plastic film tape.*
91064. Halcon International, Inc. Process for liquid phase partial oxidation of hydrocarbons. [Addition to No. 86086]. Accepted on 31st July 1965.  
*Comprises continuously dehydrating ortho boric acid by contacting it with a gas, the water content by which in below the equilibrium water concentration, the dehydration being carried out simultaneously with the drying of hydrocarbon containing some water.*
91201. The English Electric Company Limited. Electric pulse amplified. (11th December 1962). Accepted on 29th July 1965.  
*Including a first circuit including a transistor and a resistor, a second lightly damped oscillatory electric circuit, a third electric circuit for biasing the transistor to the non-conductive state and input circuit means for receiving input pulses and inducing same in the second electric circuit.*
91289. Gulamhusein Ahmedally & Company Private Limited. Improvements in or relating to tubular drafting tables. Accepted on 14th June 1965.  
*Comprising upper frame to support drawing board and lower frame made up of vertical member and two side members.*
91373. Halcon International, Inc. Method for producing epoxy compounds. Accepted on 6th August 1965.  
*Contacting a lower olefin with an organic peroxy compound in the presence of a catalytic amount of at least one of the soluble compounds of a metal from vanadium, molybdenum, tungsten and selenium.*
91447. Beaunit Corporation. A process for the production of improved cellulosic products, a viscose solution and an acid spin bath for regenerating cellulose in the production of extruded products from viscose. Accepted on 24th June 1965.  
*Characterized by modifying a viscose by incorporating a polyalkylene glycol, said glycol having an average molecular weight of at least about 400, and a hydroxy fatty acid therein and extruding said modified viscose into acid spin bath.*
91448. Beaunit Corporation. A process for the production of improved cellulosic products, a viscose solution, and an acid bath for regenerating cellulose in the production of extruded products from viscose. Accepted on 24th June 1965.  
*Characterized by modifying a viscose by adding thereto a soluble viscose-coagulating salt of a strong base and a weak acid and extruding said modified viscose into acid spin bath in presence of a sugar.*
91449. Beaunit Corporation. A process for the production of improved cellulosic products and a viscose solution. Accepted on 24th June 1965.  
*Modifying a viscose by adding thereto a soluble-viscose-coagulating salt of a strong base and a weak acid, and extruding the resulting viscose into acid-spin bath in the presence of polyalkylene glycol.*
91582. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. Plant-growth regulating compounds and compositions containing said compounds. (19th November 1963). Accepted on 3rd July 1965.  
*A plant growth regulating composition comprising a triazine and a diluent or a carrier.*
91621. Defibrator Aktiebolag. Apparatus for use in the production of pulp from lignocellulose containing material. Accepted on 6th July 1965.  
*Apparatus comprising third container is characterised in that the second container is disposed within said third container and communicates with the latter at its top portion.*
91666. Standard Telephones and Cables Limited. Improvements in or relating to the manufacture of semiconductor devices and apparatus therefor. (8th February 1963). Accepted on 6th August 1965.  
*Vapour deposition of a first semiconductor material onto a surface of a body of second semiconductor material, in which a source of significant impurity and a source of the first semiconductor material are so arranged that the initial deposition consists of elemental significant impurity.*
91719. J. R. Geigy A. G. Process for the production of disazo dyestuffs which are difficultly soluble in water. [Addition to No. 89428]. Accepted on 15th July 1965.  
*Coupling the diazonium compound of an amino azo dyestuff with a 1-hydroxynaphthalene compound.*
91819. Auergesellschaft G.m.b.H. Improvements in or relating to portable electrically operated apparatus for indicating and measuring gases and vapours. Accepted on 20th July 1965.  
*Comprises a chamber in which is located a diaphragm pump, said pump being driven by a spring-operated clockwork mechanism, and electrically-operated detecting and measuring means.*
91835. Clevite Harris Products, Inc. Bushing. [Addition to No. 71970]. Accepted on 6th August 1965.  
*Comprises a tubular rubber-like part separated into two by a reinforcing member to inhibit deformation.*
91875. J. R. Geigy A. G. Process for the production of o-hydroxyphenyl-s-triazines. Accepted on 22nd July 1965.  
*Reacting 1 mol of an oxazine compound with 1 mol of an amidine.*
91876. J. R. Geigy A. G. Process for the production of o-hydroxyphenyl-s-triazines. Accepted on 22nd July 1965.  
*Reacting 1 mol of an oxazine compound with 1 mol of an amidine.*
91920. Allied Chemical Corporation. Process for reducing the concentration of mercury in hydrogen or other gases contaminated therewith. Accepted on 28th July 1965.  
*Comprises contacting the contaminated gas at a temperature below the boiling point of mercury with particulate aluminium oxide having metallic silver supported thereon.*
91951. The Raja Bahadur Motilal Poona Mills Ltd. An improved drafting machine stand. Accepted on 28th July 1965.  
*Consists of a fabricated pipe bracker having two vertical legs which are adapted to move up and down on two roller guide ways provided in a reference table, and a horizontal arm for holding a drawing board in any desired angular position.*
91989. S. N. Katariya. Improvements in or relating to a filing device. Accepted on 30th July 1965.  
*Has, in combination with files, interconnecting means comprising clips and file indicating means consisting of a tab holder with inverted T-projections and a tab member slidably fitted to said projections.*
91991. Union Carbide Corporation. Rechargeable alkaline cell. Accepted on 30th July 1965.  
*Comprises a zinc negative electrode, a reversible positive electrode a separator therebetween and an alkaline electrolyte the separator being flat on the side of the negative electrode and provided with plurality of conduits on the side of the positive electrode.*

91992. The English Electric Company Limited. Improvements in and relating to electrical fuse-elements. (8th February 1963). Accepted on 30th July 1965.

*Includes a strip of fusible metal having at least two full-section portions and a neck portion separating the two full-section portions.*

91995. M. & T. Chemicals Inc. Process for the preparation of 1, 2-dichloropropene pyridinium salts, compounds so prepared and aqueous acid electrolytic nickel bath containing the same for electroplating nickel. Accepted on 30th July 1965.

*Comprises reacting 1, 2, 3-trichloropropene with a compound selected from the group consisting of pyridine bases and quinoline bases.*

91997. Compagnie Des Ateliers Et Forges De La Loire. Supporting structure for steelmaking converter vessels. Accepted on 30th July 1965.

*A converter vessel, an annular frame coaxially surrounding the vessel in spaced relation therewith, means for pivoting the frame about a generally horizontal axis and means for supporting the vessel from the frame and others members on the vessel separate and distinct from the first member.*

91999. Shell Internationale Research Maatschappij N. V. Process and apparatus for the control of a continuously operating distillation process. Accepted on 30th July 1965.

*Characterised in that the amount of reflux, the degree of reevaporation, the top product flow and the bottom product flow are adjusted in such a way that the accumulator level and the bottom level vary between predetermined limits and that the quality of separation attained does not vary.*

92000. Shell Internationale Research Maatschappij N. V. Process and apparatus for the control of a continuously operating distillation process. Accepted on 30th July 1965.

*Characterized in that the amount of reflux, the degree of re-evaporation, the top product flow and the bottom product flow are adjusted in such a way that the accumulator level and the bottom level vary between predetermined limits and that the quality of separation attained does not vary.*

92019. Chloride Batteries Limited. Improvements relating to the plates of electric accumulators. (31st January 1963). [Addition to No. 81746]. Accepted on 31st July 1965.

*Improvement in Indian Patent Specification wherein the sheath comprises two layers of non woven felt like fabric joined by spaced parallel bands of stitching to form web portions with the tubes or pockets between them.*

92024. Pittsburgh Plate Glass Company. Glass articles with surface zones in compression and methods for preparing same. Accepted on 31st July 1965.

*Comprising treating soda-lithia-zinc oxide-alumina-silica glass with a salt of an alkali metal of larger atomic diameter than lithium.*

92028. A. Tobler. Improvements in or relating to cold-setting binders and compositions containing the same for making molds and cores. Accepted on 31st July 1965.

*A cold setting binder consisting of Portland cement, a binder mixture comprising 40 to 80% molasses 5 to 40% of the reaction product of the divintegration of starch by reaction with a member selected from the group consisting of organic acids and oxygen carrier materials and sufficient water to make foamable mass.*

92030. C. B. Sehgal. Improvements in or relating to spinning tops and more particularly to a

spinning top adapted to present a continuously colour changing effect while spinning. Accepted on 31st July 1965.

*Having the visible colours arranged in a order so as to present a distinct colour changing effect in the form of concentric circles.*

92046. Plasticisers Limited. Yarn, twine and cord and processes for producing same. Accepted on 2nd August 1965.

*Comprises splitting, cutting, slitting or otherwise dividing a strip tube or sheet of synthetic material into strands joined at spaced intervals and the product twisted.*

92051. Westinghouse Electric Corporation. Improvements in or relating to portable heart massage apparatus. Accepted on 3rd August 1965.

*Including a frame, a heart message cylinder said frame comprises a base, a column projecting upwardly from said base.*

92061. The Goodyear Tire & Rubber Company. Improvements in method of forming a tire sidewall and a tire having said sidewall. Accepted on 3rd August 1965.

*Sidewall being made of lighter coloured stock and dark coloured stock wherein lighter coloured stock is covered with a removable protective layer of stretchables material.*

92063. H. Holloway. Improvements in ovens for protecting electrical components. Accepted on 3rd August 1965.

*Comprises three separable but closely connected parts a first part constituting a support for temperature sensitive members together with a device for producing internal temperature conditions, a second part fitting the first part and a third part constituting a cap.*

92065. Allis-Chalmers Manufacturing Company. Improved hard burned iron ore agglomerates and method for the production thereof. Accepted on 3rd August 1965.

*Characterised by heating agglomerates in an oxidizing atmosphere to a preburning temperature followed by burning the agglomerates at a slag-forming temperature until said flux is calcined and combined with the acidic components within a network of bridged hematite grains.*

92069. Reliance (Cords & Calbes Limited. Improvements relating to multi-conductor electric cables. (4th February 1963). Accepted on 3rd August 1965.

*Provides a series of axially spaced water barriers, in which, during the making of the cable, water-impermeable material is introduced into the cable in predetermined axially spaced apart regions thereof.*

92075. J. R. Geigy A. G. Process for the enzymatic depilation or removal of wool from hides and skins. Accepted on 4th August 1965.

*Characterised by treating the hides and skins with a soaking or depilation liquor.*

92076. The Electric Storage Battery Company. Improvements relating to electric storage batteries. Accepted on 4th August 1965.

*The method comprises the steps of compressing three sheets together with the separator sheet between the two electrode sheets to fuse the three sheets together to form a unitary plastic sheet and thereafter treating the sheet to leach out the pore-former.*

92090. Regie Nationale Des Usines Renault. Improvements relating to the manufacture of flat large-diameter ring-shaped steel parts such as starter ring gears or flats steel rings having a rectangular section. Accepted on 4th August 1965.

*The round sectioned rolled steel bars are bent in cold state spiral wise, each ring being heated after welding step and swaged thereof.*

92103. Index-Werke KG Hahn & Tessky. Automatic lathe. Accepted on 5th August 1965.

*The rapid-motion producer, which is controlled synchronously with the cam, is interposed between each slide and the transmission mechanism belonging to it and the said producer acts on the given slide through an actuating member independently of the cam.*

92109. The Mining Engineering Company Limited. Improvements relating to belt conveyors. (16th February 1963). Accepted on 29th July 1965.

*The roller assemblies and trays are so positioned that when the belt is unloaded it is supported by roller assemblies clear of the trays, but when loaded and the troughing angle of roller assemblies increases, the belt contacts trays.*

92122. Halcon International, Inc. Process for producing nitrosyl chloride. Accepted on 6th August 1965.

*Comprises oxidizing a dilute mixture of oxygen and ammonia, quenching and drying the resulting mixture, reacting then with chlorine providing material, removing nitrosyl chloride from the resulting mixture and recycling at least one downstream material.*

92123. Halcon International, Inc. Method of producing epoxy compounds. Accepted on 6th August 1965.

*Comprises contacting an olefinically unsaturated compound with an organic hydroperoxide at epoxidizing conditions in the presence of a catalytic amount of an inorganic molybdenum compound.*

92125. Ericsson Telephones Limited. Telecommunication calling subscribers' number generator. (7th February 1963). Accepted on 6th August 1965.

*Includes a translator comprising a group of magnetic cores and threading in each group one or more.*

92129. National Castings Company. Railway vehicle draft rigging. Accepted on 29th July 1965.

*A draft gear pocket having front stops which co-operate with draft gear assembly including a front follower and rigid draw means.*

92130. Associated Electrical Industries Limited. Improvements in voltage overload protection devices. (22nd February 1963). Accepted on 6th August 1965.

*Comprises a spark gap in series with a body of non-linear resistance material contained within a sealed capsule and having a thermally sensitive disconnection and indicator device arranged externally of the sealed capsule.*

92153. J. R. Geigy A. G. Process for the dyeing of organic fibres and impregnating liquor suitable for dyeing thereof. Accepted on 5th August 1965.

*Impregnating the fibres at temperatures under the drawing temperature of the dye-stuff with an aqueous dyestuff solution containing amides of saturated aliphatic monocarboxylic acids having 8-14 C atoms sulfated surface active polyglycol ethers, the pH of the solution being 2-10 and then finishing by heat treatment.*

92162. Vsesojuzny Nauchno-Issledovatel'skyj Institut Kislородного Mashinostrojenija. Low-temperature gas-refrigerating machine. Accepted on 6th August 1965.

*Characterised in that the stages are formed by a differential piston displacer with the chamber of compression and expansion arranged in two lines, piston displacer and the piston of the compressor are arranged on a common shaft.*

92185. Imperial Chemical Industries Limited. Stabilised solid olefine polymer compositions and articles shaped therefrom. (18th February 1963). Accepted on 31st July 1965.

*Solid olefin polymer composition containing a mixture of at least two compounds having 2-hydroxybenzophenone nucleus and aliphatic substituents in at least one of the positions 2', 3, 3', 4, 4', 5, 5', 6 and 6'.*

92194. I. S. Dmitriev, S. J. Esaulov and J. V. Korobov. Steering drive for aircraft. Accepted on 5th August 1965.

*Comprising an actuating cylinder with a rod, a control slide valve, a rigid mechanical feed back between said rod and slide valve and an autopilot servo unit, the said drive being fitted with spring stops which limit the turn range of said bell crank.*

92216. Kaiser Jeep Corporation. Transfer case. Accepted on 5th August 1965.

*Comprising a housing, first coupling means for transmitting power to one of the sets of wheels, second coupling means for transmitting power to other set, first shifting means for said first coupling means, second shifting means for said second coupling means and two indicating means.*

92228. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to method of providing surface layers side by side on a carrier, a carrier so provided and semiconductor device having such surface layers. Accepted on 6th August 1965.

*At least two surface layers of different materials at least near the gap to be formed, provided on two regions of a carrier, whilst gap is formed between the two surface layers due to material of one absorbed by carrier or the other surface layer.*

92230. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to transistors. Accepted on 6th August 1965.

*Recess in base contact layer has an elongated shape and an elongated emitter zone is provided co-axially in the recess, whilst the base contact layer surrounding the recess locally has along the circumference of the recess a widened portion to which supply conductor is secured.*

92242. Dowty Mining Equipment Limited. Roof support. Accepted on 3rd August 1965.

*Including an advanceable anchorage, a roof support connected to the anchorage by two flexible hauling elements operated by an expandable and contractable jack.*

92342. Shell Internationale Research Maatschappij N. V. Improvements in or relating to lubricating oil compositions. (21st February 1963). Accepted on 4th August 1965.

*Comprising an aliphatic dicarboxylic acid ester lubricating oil, a chlorinated polyphenyl and a triaryl ester of phosphorothionic acid.*

92350. The B. F. Goodrich Company. Improved process for halogenation of synthetic resins. (6th May 1963). Accepted on 3rd August 1965.

*Reacting a halogen with granular polyvinyl chloride resin suspended in a liquid medium in the presence of a chlorohydrocarbon swelling agent, active radiation and a free radical producing agent at a temperature not greater than about 65°C.*

92360. Shell Internationale Research Maatschappij N. V. Process for the catalytic reforming of hydrocarbon mixtures. Accepted on 31st July 1965.

*Subjecting a portion of reformat to selective extraction for aromatics, returning a portion of said extract-material to selective extraction step and subjecting another portion of said extract material again to a catalytic reforming treatment.*



92430. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to devices for operating a gaseous and/or vapour discharge tube. Accepted on 29th July 1965.

*Characterised in that the impedance of the shunt capacitor is the 30 to 50 fold of that of the burning tube and the apparent power of the inductor is the 0.9 to 1.15 fold of that of the burning tube.*

92442. Franz-Josef Gattys. Pneumatic conveyor pipe line for bulk material. Accepted on 31st July 1965.

*The air passageways connecting the air duct to the material duct are distributed throughout the length of the pipe line.*

92446. Phillips Petroleum Company. Improved oil-in-water asphalt emulsions and an aggregate-asphalt slurry composition comprising said asphalt emulsions. Accepted on 31st July 1965.

*An asphalt emulsion comprising asphalt, water, a carbionic emulsifying agent and a non-ionic emulsifying agent.*

92453. United Shoe Machinery Corporation. Improvements in manufacture of leather-like open fibrous sheet materials. Accepted on 5th August 1965.

*The mixture of collagen fibres and aqueous proteinous material is gelled and cooled below 0°C and then warmed to melt the ice crystals and water is removed.*

92486. Ciba Limited. Apparatus for the continuous performance of chemical reactions involving at least one liquid phase. Accepted on 4th August 1965.

*Comprising a reactor tube inclined to the horizontal, and divided by weirs into a plurality of reaction chambers containing stirring means in the several chambers for mixing the reactants.*

92549. Amsted Industries Incorporated. A press for molding articles of rubber and similar materials. Accepted on 2nd August 1965.

*Comprising head and ram platens, spaced extensible and retractable means connected to the ram platen and supporting a major portion of the lower section of the press beyond the edge of the ram platen and power means for moving said lower section between the platens.*

92555. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to gas-fractionating systems. Accepted on 4th August 1965.

*Characterised in that a pipe is connected to the boiling vessel the other end of this pipe communicating with an area in the column which is at the level of or above the orifice of the duct through which the gas mixture to be fractionated supplied to the column.*

92572. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process and device for purifying acetone. Accepted on 3rd August 1965.

*Conducting aqueous solution containing alkali metal and/or alkaline earth metal hydroxides countercurrently with the ascending vapors of crude acetone in the upper third of a rectifying column.*

92711. Radio Corporation of America. Device or circuit element comprising ferroelectric and/or piezoelectric device; and method for the manufacture of same. Accepted on 6th August 1965.

*Comprising a ferro-electric and/or piezo-electric body having a pair of opposed major surfaces and constituted of a compact mass of small adjacent acicular crystals and a pair of electrodes contacting the major surfaces.*

92800. Gutehoffnungshütte Sterkrade Aktiengesellschaft. Composite pit prop. (27th January 1964). Accepted on 3rd August 1965.

*The gripping members are superposed and in the range in which they engage the inner prop member form closed rings surrounding the inner prop member.*

92955. Socony Mobil Oil Company, Inc. High temperature jet aircraft-engine lubricant compositions. Accepted on 31st July 1965.

*Comprising by weight (a) at least 50% of reaction product of pentacrythritol and organic acid with 2-18 c-atoms; (b) 0.5-5% of antioxidant; (c) 0.001-1% salt of 1-salicylalaminoquinidine and aliphatic carboxylic acid with 14-18 c-atoms; (d) 0.001-1% of polyhydroxyanthraquinone and (e) 1-10% of phosphorus compound of neutral organic phosphate.*

93053. Societe D'Electro-Chimie, D'Electro-Metallurgie Et Des Acieries Electriques D'Ugine. Process for the stabilisation of cyanhydrins. (13th December 1963). Accepted on 31st July 1965.

*Acidifying the solution of cyanhydrin by addition of a strong, non-volatile organic acid.*

93141. Eberle & Kohler K.G. and H. Kohler. Improvements in or relating to temperature control devices. Accepted on 31st July 1965.

*Comprises a casing housing a thermo responsive member for operating electric control means and at least one baffle plate.*

93427. Brown, Boveri & Company Limited. A low temperature fuel cell combined with an energy store. Accepted on 29th July 1965.

*Characterized in that in addition as known accumulator electrodes a Raney-Nickel electrode and a nickel-oxide or silver oxide electrode are arranged that the upper surface of the Raney-Nickel electrode is flushed by a flow of hydrogen and the nickel-oxide or silver-oxide electrode is flushed by a flow of oxygen.*

97766. The Raja Bahadur Motilal Poona Mills Ltd. Improvements in or relating to guideways for moving pipes and like bodies up and down. [Divisional date 24th January 1964]. Accepted on 28th July 1965.

*Formed of four nylon rollers mounted integrally with ball bearings, and mounted on a casting fitted on a panel of the reference table, one of the four nylon rollers being a fixed roller and the remaining three rollers being adjustable in position on inclined slots provided on the casting.*

97767. The Raja Bahadur Motilal Poona Mills Ltd. Locking means for pipes or like bodies moving up and down. [Divisional date 24th January 1964]. Accepted on 28th July 1965.

*Comprising in combination (i) a hinged assembly of two plates fitted together so as to provide two pins which act as locking pads on one of the legs of the fabricated pipe bracket (ii) an operating bar (iii) a foot pedal.*

97768. The Raja Bahadur Motilal Poona Mills Ltd. Improvements in or relating to counter-balancing system for facilitating the up and down movement of heavy bodies. [Divisional date 24th January 1964]. Accepted on 28th July 1965.

*Wherein the heavy body to be moved is connected by means of two chains to two counter weights one at each end thereof, each of the chains passing over a sprocket wheel which is integrally mounted on a shaft common to both the sprocket wheels.*



99650. Imperial Chemical Industries Limited. Process for the production of bipyridyls. [Divisional date 5th November 1963]. Accepted on 4th August 1965.

*Comprising oxidising an interaction product formed by mixing a pyridine with a solution of an alkali and alkaline earth metal by means of a gas containing at least 30% by volume of oxygen.*

99859. Imperial Chemical Industries Limited. Shaped products formed from new polymeric materials. [Divisional date 30th October 1963]. Accepted on 30th July 1965.

*Shaped articles from a polymeric material comprising repeating units of a divalent aromatic residue derived from benzene, polynuclear hydrocarbon diphenyl or a compound having the structure  $C_6H_5-Y-C_6H_5$  where Y is -O-, -S-, -SO<sub>2</sub>-, CO, oxadivalent hydrocarbon radical.*

100014. Champion Spark Plug Company. Process of bonding hard abrasive particles to a supporting body. [Divisional date 4th November 1963]. Accepted on 4th August 1965.

*Applying a point containing a pigment of an electrically conductive material onto a forming body, applying said abrasive particles to said point, electrodepositing metal over said point and particles and casting a hardenable supporting material.*

#### Opposition Proceedings

(1)

The Opposition entered by Takeda Chemical Industries Ltd., to the grant of a patent on application No. 75661 made by Sankyo Company Limited as notified in Part III, Section 2 of the Gazette of India dated the 12th December 1962 has been treated as withdrawn.

(2)

An opposition has been entered by Victory Flask Co., Private Limited to the grant of a patent on application No. 89919, made by B. K. Shaw Industries Private Limited.

(3)

An opposition has been entered by Sanjay Engineering Works to the grant of a patent on application No. 84986, made by Mohanlal Chakubhai.

(4)

An opposition has been entered by Usha Metal Works to the grant of a patent on application No. 84986, made by Mohanlal Chakubhai.

#### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Laporte Titanium Limited, a British Company, of Hanover House, 14, Honover Square, London, W. 1, England, seek leave to amend the claims in the specification in respect of Patent application No. 84936. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, given notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

The amendment proposed by Steinwerke Feuerfest Karl Albert G.m.b.H., in respect of patent application No. 83205 as advertised in the Gazette of India, Part III, Section 2, dated the 24th October 1964 has been allowed.

#### Renewal Fees Paid

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80235. 80237. 80276.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 13. Nos. 125291 to 125293. The Svadeshi Mills Co. Ltd., an Indian Company of Bombay, Bombay House, Bruce Street, Fort, Bombay, (Maharashtra), "Textile goods", April 1, 1965.

Class 13. Nos. 125303 to 125305. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", April 2, 1965.

Class 13. No. 125306. H. A. Shah & Co., Partnership Concern, Vasant Vijay Mills, "Vasant Vijay", 470/471, Worli Road, Bombay-18, (India), "Textile goods", April 3, 1965.

Class 13. Nos. 125313 to 125325. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", April 5, 1965.

Class 13. No. 125344. The Standard Mills Company Limited, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", April 9, 1965.

Class 13. Nos. 125349 to 125351. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State, "Textile goods", April 12, 1965.

Class 13. No. 125412. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estates, 41E Parel Chawl Road, Lalbaug, Bombay-12, Nationality-Indian Business concern (Private Limited Company), "Textile goods including silks and art-silk piece-goods", April 26, 1965.

#### Copyright Extended for a Second Period of Five Years

Design No. 104568, Class 4.

Design No. 107015, Class 4.

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and 108902 }

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 Ferro Corpn.—100473.  
 F. Hoffmann-La Roche & Co. Aktiengesellschaft.—100433, 100438, 100537, 100542, 100571, 100581, 100592, 100667, 100696, 100697, 100774, 100820, 100822, 100839, 100840.  
 Fisons Pest Control Ltd.—100858.  
 Fisons Pharmaceuticals Ltd.—100413, 100754.  
 Flight Refuelling Ltd.—100623.  
 Fluor Corpn., Ltd. The—100513.  
 FMC Corpn.—100469.  
 Fondary, A. I. E.—100358.

(G)

Geigy J. R. A. G.—100476, 100493.  
 General Electric Co.—100549, 100808.  
 General Mills, Inc.—100390.  
 General Refractories Co.—100470.  
 George K. M.—100594.  
 George Salter and Co. Ltd.—100563.  
 Gillette Co. The—100644.  
 G. K. N. Group Services Ltd.—100766.  
 G. K. N. Screws & Fasteners Ltd.—100465.  
 Glaverbel.—100752.  
 Golovnoe Konstrukorskoe Bjuro Po Mekhanisatsii Ovoschevodstva.—100521.  
 Gupta, N. K.—100372.  
 Gupta S. C.—100640.  
 Gupta B. V.—100735.  
 Gwalior Rayon Silk Mfg. (Wvg.) Co. Ltd. The—100810.

(H)

Hajtomu Es Felvonogyar.—100701.  
 Halcon International, Inc.—100615.  
 Harsing, R.—100882.  
 Hein, Lehmann & Co. AG.—100807.  
 Henry Allday & Son (1922) Ltd.—100611.  
 Henschel-Werke Aktiengesellschaft.—100436.  
 Herbuveaux G.—100568.  
 Her Majesty's Post Master General, London.—100863.  
 Hindustan Steel Ltd.—100778.  
 Hoover C. O.—100759.

(I)

Imperial Chemical Industries Limited.—100450, 100496, 100635, 100636, 100637, 100643, 100692, 100638, 100739, 100876, 100877, 100878.  
 Impex Industries.—100833.  
 Indian Oxygen Ltd.—100497, 100879, 100880.

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Institut Elektrosvarki Im E. O. Patona.—100556.  
 Institut Francais Du Petrole, Des Carburants Et Lubrifiants.—100724, 100874.  
 Institut Fur Chemieanlagen.—100517.  
 International Business Machines Corpn.—100645.  
 International Minerals & Chemical Corpn.—100660.  
 International Nickel Ltd.—100817.  
 International Standard Electric Corpn.—100785.

(J)

Jain A. K.—100491.  
 Jain C. M.—100491.  
 Jain D. K.—100491.  
 Jain P. C.—100491.  
 Jayer & Co.—100606.  
 Jeco Co., Ltd.—100577.  
 Jennings Radio Manufacturing Corpn.—100574, 100575, 100819.  
 John Heathcoat & Co. Ltd.—100363.  
 Johnson & Johnson.—100455, 100456.  
 J. R. Geigy A. G.—100476, 100493, 100729, 100867, 100868.  
 J. R. Geigy S. A.—100612.

(K)

Kabushiki Kaisha Hitachi.—100846.  
 Kaiser Aluminum & Chemical Corpn.—100591.  
 Kajriwal G.—100706, 100707.  
 Kali-Chemie Aktiengesellschaft.—100504.  
 Kanani, M. V.—100883.  
 Karl Peschke Kapitalverwaltungsgesellschaft. Karl Poschke m.b.H.—100522.  
 Kattakeyam J. C.—100851.  
 Keller, O.—100506.  
 Kham Maliki N. N. A.—100884.  
 Khanna J. S.—100501.  
 Kjellbarg Elektroden & Maschinen G.m.b.H.—100751.  
 Kuibyshevsky Gosudarstvenny Nauchno-Issledovatel'sky Institut Neftyanoi Promyshlennosti.—100809.  
 Kulkarni V. P.—100509.

(L)

Laboratories Ferrer, S. L.—100870.  
 Laporte Titanium Ltd.—100699.  
 Larsen & Toubro Ltd.—100388.  
 Lee-Norse Co.—100843.  
 Leeson Corpn.—100589.  
 Leicester, Lovell & Co. Ltd.—100811.  
 Leningradsky Nauchno-Issledovatel'sky Institute Antibiotikov.—100717.  
 Lepetit S.p.A.—100836, 100862.  
 Les Laboratoires Dausse.—100481.  
 Libbey-Owens Ford Glass Co.—100420, 100421, 100422, 100514.  
 Lilliston Implement Co.—100665.  
 Linke-Hofmann-Busch Waggon-Fahrzeug-Maschinen G.m.b.H.—100744, 100745.  
 Lodge-Cottrell Ltd.—100731.  
 Lonza Ltd.—100850.  
 Lubrizol Corpn. The—100536.  
 Luwa AG.—100447, 100600.

(M)

Magid, E. A.—100787.  
 Majumdas, B. N. Dr.—100708, 100709.  
 Makhansingh.—100872.

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M & T Chemicals Inc.—100471, 100646, 100647.  
 Marchon Products Ltd.—100599.  
 Mauchno-Issledovatel'sky Institut Teploenergeticheskogo Priborostroeniya.—100518.  
 May & Baker Ltd.—100595.  
 Merck & Co. Inc.—100365, 100841.  
 Metalastik Ltd.—100477, 100566, 100567.  
 Metallgesellschaft A. G.—100417.  
 Micafil Ltd.—100590.  
 Miller R. B.—100552, 100553, 100554.  
 Ministerul Industriei Petrolului Si Chimiei.—100500, 100849.  
 Mistry, P. C. L.—100415.  
 Modi, S. R.—100472.  
 Molins Organisation Ltd., The—100437, 100780.  
 Monsanto Chemical Ltd.—100610.  
 Montecatini Societa Generale Per L'Industria Mineraria E Chimica.—100728, 100761.  
 Moothan, K. A.—100799.  
 Moskovskoe Otdelenie Tsentralnogo Nauchno-Issledovatel'skogo & Proektno-Konstruktorskogo Kotloturbinnogo Instituta Im. Polxunova.—100519.  
 Moskovsky Stankostroitelny Zavod "Krasny Proletary" Im. A. I. Efremova.—100558.  
 Moylan, P. D.—100693.  
 Muanyagipari Kutato Intezet.—100480.  
 Mukherjee, A.—100834.  
 Mundipharma A. G.—100802.

(N)

Nath, W.—100776.  
 National Design Institute.—100608.  
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 Nippon Electric Co. Ltd.—100842, 100860, 100861.  
 Nauchno-Issledovatel'sky Institut Teploenergeticheskogo Priborostroeniya.—100518.  
 North American Sugar Industries, Inc.—100580.  
 N. V. Appleton Pty. Ltd.—100454.  
 N. V. Philips' Gloeilampenfabrieken.—100440, 100441, 100442, 100443, 100444, 100486, 100507, 100585, 100586, 100587, 100626, 100627, 100628, 100629, 100671, 100672, 100673, 100674, 100703, 100704, 100824.

(O)

Occidental Research & Engineering Ltd.—100718, 100719, 100720, 100721.  
 Orissa Cement Ltd.—100801.  
 Otto Keller.—100506.  
 Owens-Corning Fiberglas Corpn.—100458, 100684.

(P)

Pakistan Council of Scientific and Industrial Research.—100680.  
 Parke, Davis & Co.—100466, 100467.  
 Permsky Gosudarstvenny Proektno-Konstruktorsky & Experimentalny Institut Gornogo Mashino-Stroeniya.—100520.  
 Phillips Petroleum Co.—100659.  
 P. J. M. O. Sanchez.—100866.  
 Plastic Textile Accessories Ltd.—100679.  
 Polygram Casting Co. Ltd.—100621, 100622.  
 Polymer Corporation Ltd.—100535.  
 Power Jets (Research & Development) Ltd.—100383, 100384.  
 Prasad, S.—100705.  
 Pyrene Co. Ltd., The—100782.

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(R)

Raju, B. L. N.—100777.  
 Ranganathan, K. V.—100853, 100854.  
 Ranzi, U.—100503.  
 Rao, C. I. S.—100355, 100487, 100508.  
 Rao, S. Mrs.—100379.  
 Ratta Research Laboratorium S.p.A.—100875.  
 Razimbaud, J.—100479.  
 4 D Research & Development Co. Ltd.—100404.  
 Reckitt & Sons Ltd.—100403.  
 Reynolds Metals Company.—100376.  
 Rhone-Poulenc S. A.—100410, 100445, 100614, 100688, 100793.  
 Roneo Ltd.—100669.  
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 Rowhani S. A.—100677.  
 Roy, B. K.—100831.

(S)

Sanchez, P. J. M. O.—100866.  
 Sandoz Ltd.—100370, 100460, 100461, 100462, 100484, 100618, 100625, 100651, 100652, 100757, 100869, 100873.  
 Satake T.—100391.  
 Schaverien, E. M.—100786.  
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 Schering Aktien Gesellschaft.—100360.  
 Schneider W. S.—100722.  
 Seaquist Valve Co.—100686.  
 Secomastic Ltd.—100783.  
 See J. L. A.—100389.  
 Shah M. M.—100831.  
 Shell Internationale Research Maatschappij N. V.—100451, 100524, 100596, 100597, 100666, 100737, 100795, 100813.  
 Siddiqi H. A.—100831.  
 Siemen Hinsch m.b.H.—100364.  
 Siemens-Schuckertwerke Aktiengesellschaft.—100515, 100550, 100825.  
 Sigma Lutín, narodni podnik.—100829.  
 Singh J.—100475.  
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 Smeralovy Zavody, narodni podnik.—100431.  
 Smith Kline & French Laboratories.—100446.  
 Societa Farmaceutici Italia.—100377, 100393.  
 South African Iron and Steel Industrial Corpn. Ltd.—100601.  
 South India Research Institute Pvt. Ltd.—100639.  
 Sperry Rand Corpn.—100602, 100603, 100845.  
 Spindelfabrik Sussen Schurr, Stahlecker & Grill G.m.b.H.—100512.  
 SPOFA, Sdruzeni podniku pro zdravotnickou vyrobu.—100429, 100430.  
 Stamicarbon N. V.—100565, 100812.  
 Standard Telephones and Cables Ltd.—100576, 100620, 100837.  
 Stanton and Staveley, Ltd.—100528.  
 Stirling H. T.—100655.  
 Stora Kopparbergs Bergslags Aktiebolag.—100397, 100427.  
 Strasser W.—100572.  
 Subramaniam R. B.—100593.  
 Sulzer Brothers Ltd.—100848.  
 Sumitomo Metal Industries, Ltd.—100670.  
 Swb Research Corpn.—100459.  
 Sylvester E. Q.—100573.

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Taisho Pharmaceutical Co. Ltd.—100375.

Tepar A. G.—100583.

Teverama S. A.—100797.

Thakre, G. R.—100371.

Thomas K. M.—100800.

Toms River Chemical Corp.—100434.

Tsentralny Nauchno-Issledovatel'sky Institut Tekhnologii i Mashinostroenia.—100457.

Tsentralny Nauchno-Issledovatel'sky i Proektno-Konstruktorsky Konstruktorsky Institut Im. Polyunnova.—100682.

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United Shoe Machinery Corp.—100794.

United States Atomic Energy Commission.—100604.

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Universal Oil Products Company.—100411, 100534, 100633, 100634.

Upjohn Co., The.—100402.

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Veb Berliner Akkumulatoren-Und Elementefabrik.—100547.

Veb Elektrochemisches Kombinat Bitterfeld.—100418, 100419.

Veb Traktorenwerk Schonebeck.—100605.

Ved Brat.—100881.

Velsicol Chemical Corp.—100806.

Vereinigte Österreichische Eisenerz und Stahlwerke Aktiengesellschaft.—100525, 100526.

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Vsesojuzny Elektrotekhnichesky Institut im. V. I. Lenina.—100683.

Vsesojuzny Nauchno-Issledovatel'sky Institut Neftekhimicheskikh Processov.—100557.

Vsesojuzny Nauchno-Issledovatel'sky Institut Po Stroitel'stvu Magistralnykh Truboprovodov.—100716.

Vsesojuzny Nauchno-Issledovatel'sky Institut proprodnoy gaza.—100826.

Vsesojuzny Nauchno-Issledovatel'sky i Proektno-konstruktorsky Institut Metallurgicheskogo Mashinostroenia.—100681.

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Wah Chang Corp.—100416.

Wander A. S. A. Dr.—100392.

Wenzel W. Dr. Ing.—100827.

Werzalit-Pressholzwerk J. F. Werz Jr. K. G.—100428.

Westinghouse Brake and Signal Co. Ltd.—100452.

Westland Aircraft Ltd.—100505.

Whiffen &amp; Sons Ltd.—100740.

Worthington Corp.—100852.

Worthington-Simpson Ltd.—100498, 100762.

## (X)

Xerox Corp.—100668.

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